

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-750-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

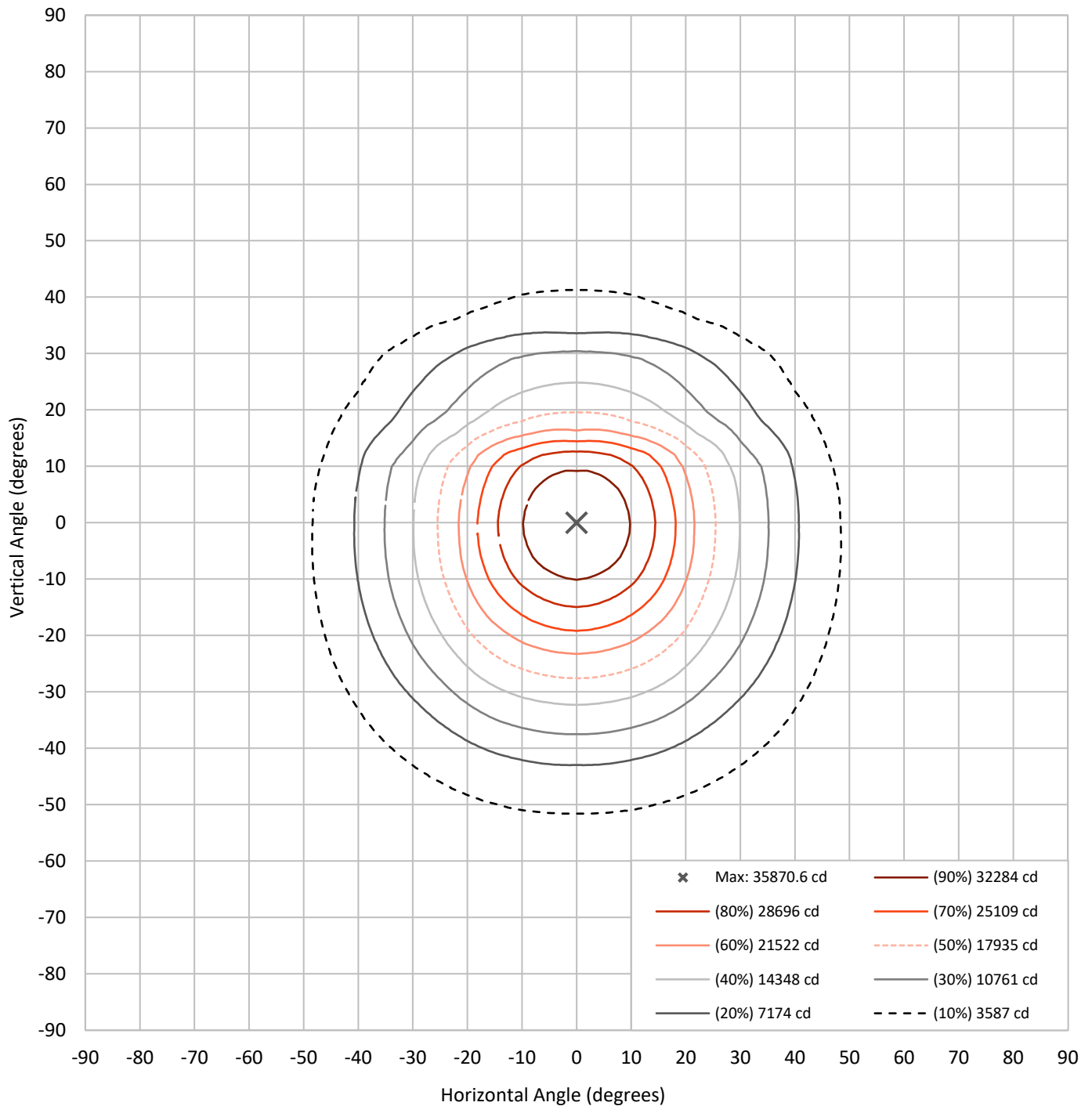
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	31645.6 lumens	Max Intensity:	35870.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	15235.9 lumens	Field Lumens:	28333.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

Iso-Candela Plot





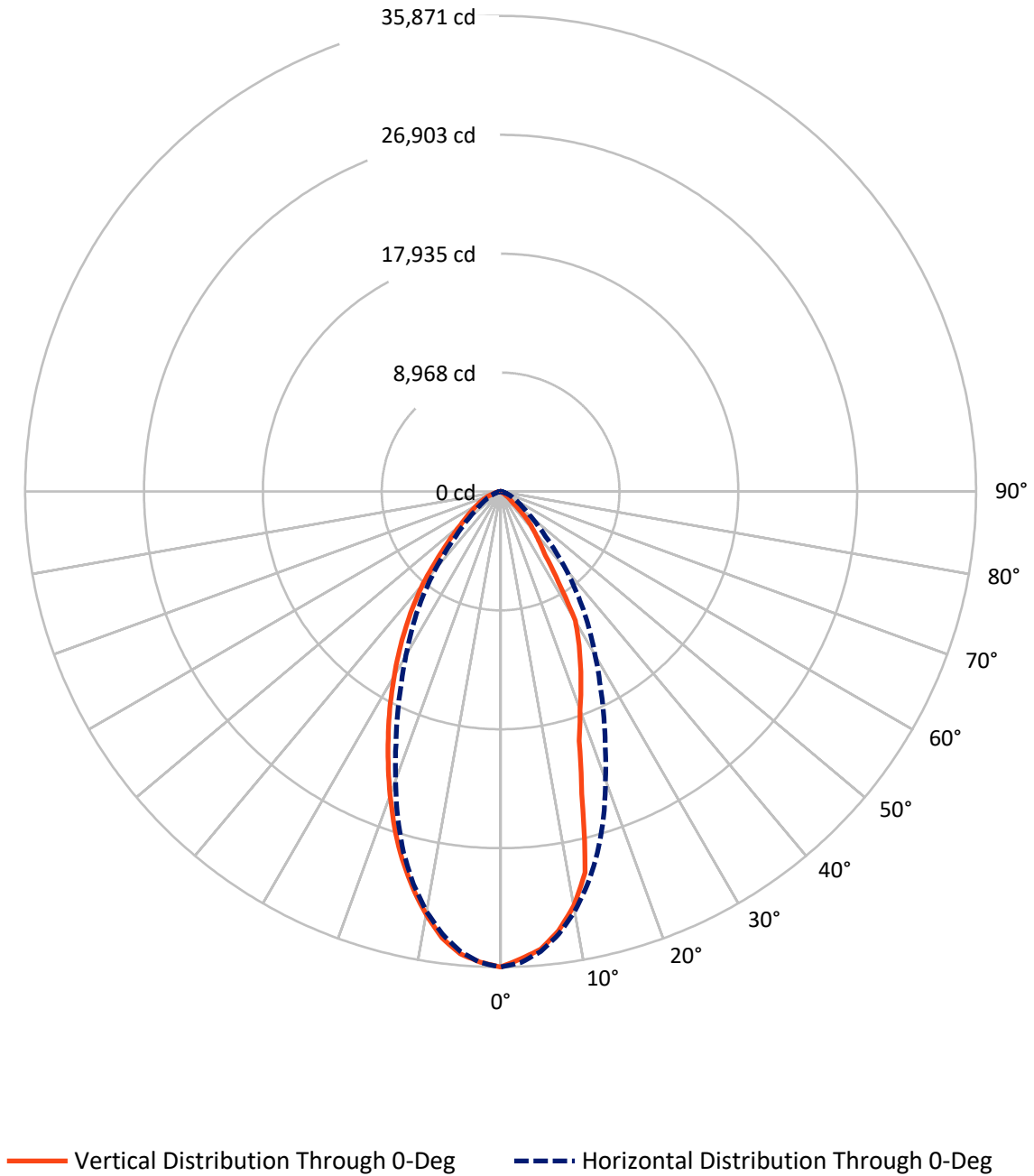
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.7	1.7	3.0	5.0	7.3	9.9	11.2	11.2	9.9	7.3	5.0	3.0	1.7	0.7				
40	1.4	2.4	6.1	12.9	23.6	38.6	55.8	68.4	68.4	55.8	38.6	23.6	12.9	6.1	2.4	1.4			
30		4.8	12.3	28.6	59.1	108.6	166.0	199.6	199.6	166.0	108.6	59.1	28.6	12.3	4.8				
20	3.5	7.6	20.1	52.0	122.9	230.8	351.3	423.3	423.3	351.3	230.8	122.9	52.0	20.1	7.6	3.5			
10		10.3	28.5	81.4	202.2	374.0	584.4	722.4	722.4	584.4	374.0	202.2	81.4	28.5	10.3				
0	4.9	11.9	35.9	105.4	265.6	494.9	794.7	1007.6	1007.6	794.7	494.9	265.6	105.4	35.9	11.9	4.9			
-10		12.5	37.4	108.7	269.4	502.1	802.7	1013.9	1013.9	802.7	502.1	269.4	108.7	37.4	12.5				
-20	5.2	12.3	35.4	96.9	238.7	440.9	679.6	838.6	838.6	679.6	440.9	238.7	96.9	35.4	12.3	5.2			
-30		11.3	30.6	75.8	178.1	332.4	495.4	594.0	594.0	495.4	332.4	178.1	75.8	30.6	11.3				
-40	4.5	9.9	24.8	54.8	112.1	206.2	311.1	370.3	370.3	311.1	206.2	112.1	54.8	24.8	9.9	4.5			
-50		8.2	19.2	37.9	67.4	108.0	154.8	184.3	184.3	154.8	108.0	67.4	37.9	19.2	8.2				
-60	2.8	6.4	14.0	25.2	41.2	59.2	76.5	86.6	86.6	76.5	59.2	41.2	25.2	14.0	6.4	2.8			
-70		4.5	9.3	15.6	23.9	32.5	39.8	43.4	43.4	39.8	32.5	23.9	15.6	9.3	4.5				
-80	0.7	9.0		23.2		41.6		37.9		41.6		23.2		9.0		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

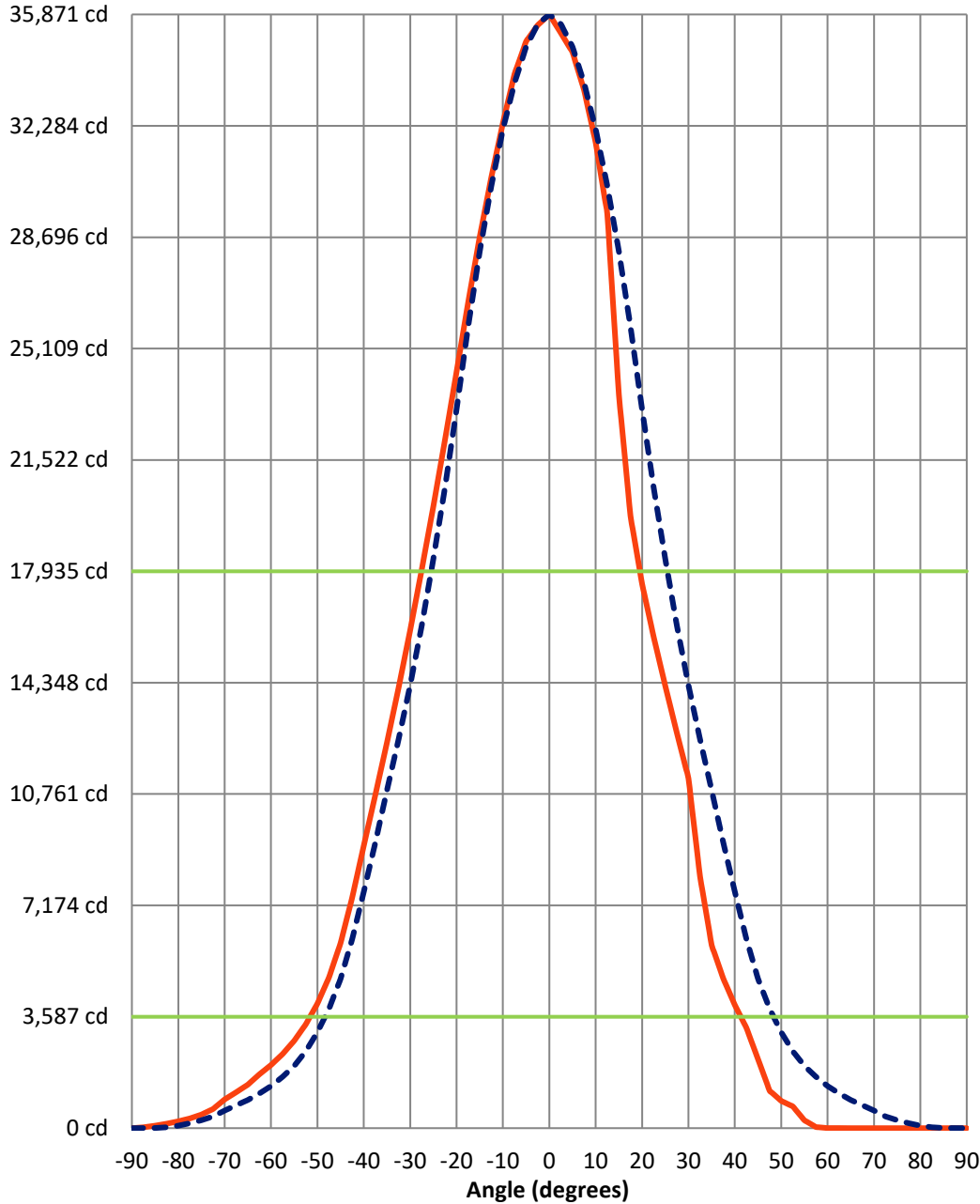
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 15235.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 28333.6
 Efficiency: 89.5%

Spill:
 Lumens: 3312
 Efficiency: 10.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.6	2.6	2.6
80°	0.0	0.5	0.9	1.4	1.8	2.2	2.6	2.6	2.6	2.6	2.6
77.5°	0.0	0.6	1.1	1.7	2.2	2.6	2.6	2.6	2.6	2.6	2.6
75°	0.0	0.7	1.3	2.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
72.5°	0.0	0.8	1.6	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6
70°	0.0	0.9	1.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8
67.5°	0.0	1.0	2.0	2.6	2.6	2.6	2.8	2.6	2.6	3.4	3.2
65°	0.0	1.1	2.2	2.6	2.6	2.9	3.1	2.6	3.7	4.2	5.0
62.5°	0.0	1.2	2.4	2.6	2.6	3.5	3.5	3.5	4.9	6.9	10.7
60°	0.0	1.3	2.6	2.6	2.6	4.1	4.0	4.9	6.2	17.0	18.4
57.5°	0.0	1.4	2.6	2.6	3.3	4.8	6.9	6.6	16.7	28.6	31.4
55°	0.0	1.5	2.7	2.6	4.1	5.6	10.6	9.8	30.6	43.1	48.7
52.5°	0.0	1.6	2.7	2.6	4.9	7.1	14.8	24.1	45.7	64.0	69.0
50°	0.0	1.7	2.8	2.6	5.7	11.5	19.6	39.9	63.9	87.1	105.3
47.5°	0.0	1.8	2.8	2.8	6.6	16.3	26.1	55.8	87.8	112.6	142.9
45°	0.0	1.8	2.9	3.5	7.5	21.3	39.9	71.8	111.7	145.8	180.0
42.5°	0.0	1.9	3.0	4.2	8.5	26.6	53.7	90.7	135.6	178.6	221.2
40°	0.0	2.0	3.1	5.1	11.1	32.2	67.5	111.4	160.5	210.7	264.2
37.5°	0.0	2.1	3.2	6.2	15.5	38.1	81.1	131.9	187.4	243.7	308.1
35°	0.0	2.1	3.3	7.4	20.0	47.3	94.7	152.0	214.4	283.0	355.9
32.5°	0.0	2.2	3.4	8.7	24.5	58.0	108.9	171.8	241.4	323.4	409.7
30°	0.0	2.3	3.5	10.0	29.0	68.4	125.0	191.9	268.4	364.7	463.8
27.5°	0.0	2.3	3.6	11.5	34.1	78.5	140.5	214.0	298.1	406.7	518.2
25°	0.0	2.4	3.8	13.0	39.3	88.3	155.5	235.6	332.3	451.3	572.6
22.5°	0.0	2.4	3.9	14.6	44.3	97.8	169.8	256.5	366.1	496.5	627.7
20°	0.0	2.4	4.0	16.2	49.2	107.0	183.5	276.8	399.4	540.7	680.3
17.5°	0.0	2.5	4.2	17.8	53.9	115.7	196.2	296.3	431.8	583.6	730.1
15°	0.0	2.5	4.3	19.4	58.3	123.8	207.8	313.6	463.1	625.0	777.0
12.5°	0.0	2.5	4.5	21.0	62.6	131.3	218.5	328.0	489.1	664.5	821.0
10°	0.0	2.6	4.6	22.6	66.6	138.2	228.1	340.9	509.8	687.8	855.5
7.5°	0.0	2.6	4.7	24.1	70.3	144.4	236.8	352.3	528.0	705.6	873.6
5°	0.0	2.6	4.9	25.6	73.7	150.0	244.3	362.0	543.5	719.8	888.2
2.5°	0.0	2.6	5.0	27.0	76.7	154.8	250.8	370.1	556.3	730.5	899.3
0°	0.0	2.6	5.1	28.2	79.4	158.9	256.2	376.6	566.2	737.9	907.0
-2.5°	0.0	2.8	5.9	30.0	83.0	163.9	263.2	387.5	577.3	748.6	919.0
-5°	0.0	2.9	6.6	31.6	86.2	168.1	269.0	396.5	585.4	756.2	927.5
-7.5°	0.0	3.1	7.4	33.1	89.0	171.5	273.5	403.7	590.5	760.9	932.6
-10°	0.0	3.2	8.1	34.4	91.2	174.0	276.8	408.7	592.7	762.9	934.1
-12.5°	0.0	3.3	8.8	35.5	92.9	175.7	278.7	411.6	592.0	761.7	929.8
-15°	0.0	3.5	9.4	36.4	94.0	176.5	279.3	412.2	587.7	755.0	920.8
-17.5°	0.0	3.6	10.0	37.1	94.5	176.4	278.5	411.4	580.1	746.0	908.3
-20°	0.0	3.7	10.5	37.6	94.4	175.4	277.7	409.5	570.6	734.8	892.3

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Scaled Data Report



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.7	11.0	37.8	93.7	173.5	277.8	405.8	559.4	721.4	873.0
-25°	0.0	3.8	11.4	37.8	92.2	172.8	276.6	400.4	546.5	706.1	850.3
-27.5°	0.0	3.9	11.8	37.5	90.1	172.1	274.0	393.3	532.3	688.3	829.2
-30°	0.0	3.9	12.0	37.0	87.5	170.3	269.9	384.6	519.7	668.3	806.7
-32.5°	0.0	3.9	12.2	36.2	86.4	167.4	264.5	377.4	507.4	647.4	782.5
-35°	0.0	3.9	12.4	35.2	84.6	163.3	259.3	369.5	493.3	625.9	756.8
-37.5°	0.0	3.9	12.4	33.8	82.1	159.0	253.4	360.0	477.6	603.7	726.6
-40°	0.0	3.9	12.4	32.3	78.8	155.1	246.1	348.9	460.4	583.0	694.3
-42.5°	0.0	3.8	12.3	30.8	76.5	150.2	237.4	336.1	444.4	556.2	660.0
-45°	0.0	3.7	12.1	29.6	75.0	144.4	227.3	322.9	427.9	527.5	624.3
-47.5°	0.0	3.6	11.8	28.0	72.7	137.5	215.8	309.3	409.6	497.7	591.2
-50°	0.0	3.5	11.4	27.5	69.6	129.7	205.8	294.0	385.5	470.6	557.2
-52.5°	0.0	3.4	11.0	27.1	65.8	121.0	194.9	277.1	361.5	442.3	522.6
-55°	0.0	3.3	10.4	26.4	61.3	113.9	182.9	259.1	336.8	412.8	490.0
-57.5°	0.0	3.1	9.8	25.3	56.0	106.2	169.7	243.0	310.9	383.1	456.2
-60°	0.0	2.9	9.2	23.9	50.2	97.4	155.7	223.7	284.2	352.3	421.4
-62.5°	0.0	2.8	8.6	22.2	46.7	87.6	142.1	202.1	257.9	320.2	385.5
-65°	0.0	2.6	8.0	20.2	42.7	76.9	127.1	179.7	229.8	286.5	348.2
-67.5°	0.0	2.3	7.4	18.0	38.2	67.3	110.8	157.0	200.2	250.8	306.9
-70°	0.0	2.1	6.7	15.5	33.2	59.0	93.5	133.5	172.2	213.3	262.4
-72.5°	0.0	1.9	5.9	13.7	27.8	50.1	79.4	109.3	143.3	179.5	217.6
-75°	0.0	1.6	5.1	11.9	22.1	40.6	65.2	89.1	113.7	144.8	177.6
-77.5°	0.0	1.4	4.3	10.1	18.3	30.6	50.3	70.0	90.3	111.7	136.6
-80°	0.0	1.1	3.5	8.2	14.8	23.3	34.7	50.5	67.1	84.6	102.9
-82.5°	0.0	0.8	2.6	6.2	11.2	17.7	25.6	33.8	43.6	57.1	71.2
-85°	0.0	0.6	1.8	4.1	7.5	11.9	17.2	22.6	28.8	35.6	43.1
-87.5°	0.0	0.3	0.9	2.1	3.8	5.9	8.6	11.3	14.4	17.9	21.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.1
85°	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
82.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
72.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
70°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.2
67.5°	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.0	1.3
65°	2.6	2.6	3.5	3.8	2.7	2.6	2.6	2.6	2.7	2.3	2.4
62.5°	3.8	4.6	5.7	8.9	6.7	2.6	5.0	5.9	4.0	3.2	3.5
60°	11.2	7.7	19.7	27.4	17.9	9.5	11.6	23.2	19.2	5.2	13.6
57.5°	22.6	27.9	49.6	52.1	40.0	27.0	59.3	65.7	54.5	34.2	49.3
55°	47.1	66.3	83.8	82.8	83.3	104.7	123.0	120.8	106.5	146.8	185.0
52.5°	89.2	109.1	120.7	131.5	161.4	181.3	187.0	198.2	240.0	290.0	299.0
50°	131.0	151.4	166.7	205.6	236.3	252.0	266.6	304.8	368.0	402.3	407.8
47.5°	173.2	196.1	236.3	278.9	308.5	332.3	357.6	444.5	515.0	544.1	554.7
45°	217.3	256.8	307.0	350.7	385.1	417.2	499.7	618.3	667.9	712.6	826.5
42.5°	263.0	322.5	379.0	424.9	463.6	530.9	645.6	760.5	831.5	926.7	1064.3
40°	321.3	388.0	453.6	500.2	548.6	650.4	792.5	914.1	989.2	1117.0	1273.7
37.5°	380.6	458.5	529.3	578.6	646.5	784.3	951.2	1096.8	1190.0	1294.0	1545.9
35°	439.2	530.5	603.1	669.1	753.0	943.0	1148.6	1310.8	1425.9	1604.0	1922.9
32.5°	501.6	603.7	678.0	767.9	905.7	1118.2	1370.7	1550.8	1741.7	1998.0	2508.7
30°	568.1	672.3	757.8	865.7	1050.6	1298.5	1591.6	1817.8	2077.0	2493.3	3043.8
27.5°	634.4	740.6	845.9	983.2	1186.2	1454.0	1760.2	2116.9	2451.9	2917.3	3519.1
25°	698.2	810.3	932.3	1098.3	1317.8	1598.1	1932.3	2343.8	2781.0	3313.4	4019.9
22.5°	759.0	881.0	1023.8	1202.1	1428.8	1735.0	2133.5	2616.8	3142.2	3693.5	4505.6
20°	818.6	960.0	1123.8	1323.4	1531.0	1861.1	2330.2	2915.5	3573.9	4329.3	5125.0
17.5°	877.6	1038.0	1227.1	1449.0	1700.5	2038.3	2531.9	3228.7	4030.0	5013.2	5993.0
15°	935.3	1114.4	1327.0	1573.0	1871.5	2275.3	2835.9	3601.7	4569.8	5747.3	6907.8
12.5°	991.2	1188.5	1422.9	1694.2	2037.3	2498.3	3122.3	3948.5	5057.9	6464.5	7890.2
10°	1044.9	1259.7	1513.9	1811.2	2196.1	2705.8	3375.5	4248.5	5426.1	6875.7	8461.4
7.5°	1072.2	1307.8	1591.6	1922.4	2346.0	2896.3	3595.9	4502.1	5713.7	7206.4	8796.3
5°	1091.7	1329.9	1620.8	1966.8	2428.4	3025.9	3764.5	4709.4	5925.7	7455.2	9023.1
2.5°	1106.7	1345.7	1642.1	1991.9	2460.9	3069.1	3820.2	4781.7	6039.4	7585.0	9155.3
0°	1117.1	1355.4	1655.2	2006.2	2477.6	3090.0	3845.8	4811.8	6087.8	7614.8	9203.4
-2.5°	1128.1	1368.7	1669.0	2028.5	2501.1	3118.4	3874.1	4833.1	6123.9	7623.1	9229.4
-5°	1134.4	1375.8	1674.3	2039.3	2508.7	3123.8	3872.1	4812.8	6095.1	7563.2	9172.9
-7.5°	1136.2	1376.6	1671.4	2037.1	2499.1	3099.5	3831.2	4752.7	5995.7	7442.2	9034.4
-10°	1133.4	1370.5	1660.3	2018.6	2470.9	3049.3	3758.0	4648.7	5832.4	7242.3	8800.3
-12.5°	1125.1	1357.7	1640.6	1988.5	2425.6	2977.7	3654.9	4500.3	5605.6	6964.5	8470.4
-15°	1111.8	1338.6	1612.1	1946.7	2363.1	2885.6	3522.4	4307.7	5313.6	6611.2	8059.6
-17.5°	1093.5	1313.3	1574.7	1893.4	2283.3	2773.8	3362.2	4082.1	4998.6	6216.9	7602.8
-20°	1070.1	1281.7	1528.5	1828.8	2191.2	2656.0	3213.5	3882.5	4703.9	5765.4	7063.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1041.8	1244.1	1479.6	1766.9	2109.5	2533.6	3047.3	3656.2	4373.3	5243.7	6475.4
-25°	1012.6	1208.1	1432.0	1697.9	2016.2	2395.0	2857.1	3411.8	4061.3	4857.9	5876.3
-27.5°	983.8	1166.7	1377.1	1618.4	1911.7	2252.0	2678.2	3184.0	3762.8	4440.3	5269.5
-30°	951.4	1120.5	1316.5	1535.1	1811.5	2127.4	2495.8	2929.2	3443.8	4056.0	4776.9
-32.5°	916.0	1070.8	1257.8	1462.9	1704.1	1991.7	2310.4	2702.3	3150.1	3655.1	4278.3
-35°	880.7	1028.4	1197.6	1385.3	1588.9	1858.2	2151.0	2476.2	2857.1	3304.3	3802.6
-37.5°	846.9	982.2	1133.1	1308.1	1499.2	1722.7	1981.5	2275.0	2602.9	2958.7	3389.2
-40°	809.1	932.3	1075.1	1233.6	1402.6	1596.4	1829.6	2078.8	2361.0	2674.1	3006.6
-42.5°	768.0	886.5	1016.7	1153.3	1308.3	1481.5	1675.0	1902.8	2137.3	2399.6	2689.8
-45°	727.8	836.6	955.8	1080.4	1210.8	1363.8	1539.5	1729.1	1937.1	2151.1	2394.9
-47.5°	685.5	784.8	895.8	1004.3	1119.9	1250.4	1399.5	1571.5	1745.0	1935.6	2124.6
-50°	643.1	736.3	829.5	930.9	1034.4	1143.0	1269.0	1417.4	1575.3	1733.4	1899.8
-52.5°	605.1	685.7	770.0	857.0	951.3	1047.9	1152.9	1275.3	1413.2	1552.5	1696.0
-55°	566.3	640.6	710.2	788.2	869.7	956.7	1050.3	1153.3	1257.4	1384.4	1507.7
-57.5°	528.4	594.3	654.9	721.3	793.8	867.8	952.1	1039.6	1134.2	1230.1	1331.1
-60°	490.4	546.4	601.3	658.8	719.7	785.4	853.3	930.1	1011.3	1094.6	1182.1
-62.5°	451.1	496.5	544.9	597.5	651.1	701.7	758.6	821.4	888.3	959.9	1034.0
-65°	407.2	444.8	485.2	531.0	581.3	622.1	665.7	712.9	768.2	827.1	885.3
-67.5°	360.2	393.6	426.5	460.5	501.3	537.8	573.7	611.3	652.6	700.7	747.4
-70°	307.9	341.2	370.2	398.4	424.3	450.4	480.8	510.5	543.8	587.0	629.5
-72.5°	254.7	285.9	313.5	337.3	355.6	371.2	389.9	411.4	443.3	483.4	520.9
-75°	206.0	231.2	257.0	279.9	291.7	296.4	300.3	311.6	343.9	385.1	421.4
-77.5°	160.5	182.4	203.4	223.4	231.7	234.9	236.5	236.4	260.3	295.3	332.2
-80°	118.2	133.4	151.2	168.3	173.4	174.9	175.1	174.0	193.5	218.7	245.7
-82.5°	82.1	93.1	104.4	116.1	117.6	116.8	115.1	113.5	129.2	147.4	166.1
-85°	47.8	52.4	59.3	66.5	67.3	67.0	65.8	63.7	72.5	82.4	92.8
-87.5°	23.9	26.2	28.5	30.8	30.0	28.9	27.3	25.4	27.9	30.4	33.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.6	2.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.6	2.0	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.6	2.1	1.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.6	2.1	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.6	2.2	1.5	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.6	2.3	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.5	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.2	1.3	1.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.7	2.6	1.9	1.3	0.6	0.5	0.6	0.6	0.2	0.0	0.0
62.5°	3.3	3.2	2.3	2.2	2.4	2.6	2.1	1.8	1.7	1.9	2.1
60°	14.5	8.3	8.5	10.8	9.2	4.2	8.4	10.6	9.9	7.5	6.6
57.5°	73.6	61.6	43.0	72.1	74.3	51.8	56.2	73.2	71.0	54.9	54.7
55°	185.3	188.0	201.8	220.1	233.6	239.8	245.3	272.9	302.3	331.1	345.5
52.5°	306.0	341.9	386.4	415.9	436.5	478.6	537.7	564.8	591.2	621.2	642.8
50°	450.7	513.0	557.7	564.2	634.4	680.0	690.7	741.6	797.0	831.5	856.3
47.5°	670.6	749.3	788.3	813.2	898.6	992.3	992.4	1021.6	1160.4	1233.0	1268.0
45°	965.9	1031.5	1100.4	1279.4	1444.0	1496.2	1608.0	1759.4	1857.8	1993.2	2142.1
42.5°	1217.4	1340.6	1513.1	1710.2	1875.2	2012.6	2178.7	2360.7	2579.2	2784.9	2962.2
40°	1466.2	1618.7	1832.5	2046.9	2254.7	2445.0	2712.7	2946.7	3204.6	3487.4	3723.1
37.5°	1790.9	1986.2	2207.1	2477.5	2800.8	3012.1	3380.3	3716.5	4007.1	4348.6	4558.9
35°	2289.7	2544.2	2739.7	3286.2	3679.6	3926.7	4362.6	4915.2	5127.4	5557.5	5761.6
32.5°	2916.8	3254.9	3769.6	4493.3	5018.6	5473.5	6125.0	6685.8	7163.8	7595.7	8045.0
30°	3621.3	4143.2	4901.8	5863.5	6397.0	7034.1	7915.1	8580.1	9329.8	10152.7	10440.9
27.5°	4260.7	5042.3	5923.2	6702.1	7468.4	8261.9	9127.6	9981.8	10793.3	11478.0	11937.5
25°	4853.3	5799.9	6656.0	7488.4	8318.7	9212.3	10191.4	11160.3	12053.2	12757.8	13293.5
22.5°	5464.5	6464.6	7380.4	8225.0	9190.9	10203.5	11244.8	12356.0	13372.2	14103.2	14686.8
20°	6039.2	7151.6	8196.1	9157.8	10070.8	11239.8	12438.8	13617.6	14724.2	15594.9	16267.8
17.5°	6951.5	7917.0	9193.7	10443.0	11471.5	12545.5	14147.6	15364.3	16592.2	17635.0	18348.3
15°	8071.7	9133.4	10451.8	12167.5	13576.8	14807.2	16462.4	18441.5	19889.9	21221.1	22134.3
12.5°	9192.9	10393.8	11819.7	13750.5	15757.0	17206.4	19214.4	21722.3	23409.4	25470.4	26486.4
10°	10052.2	11560.2	13028.7	14790.7	16717.6	18781.5	20946.2	23292.5	25546.7	27316.4	28898.5
7.5°	10398.2	12004.4	13704.4	15502.2	17429.0	19559.0	21866.1	24307.6	26627.6	28604.3	30342.8
5°	10656.8	12302.6	14013.8	15852.0	17911.8	20136.1	22477.6	25040.9	27410.1	29528.7	31307.5
2.5°	10821.1	12482.5	14186.3	16055.1	18221.5	20511.8	22928.6	25559.8	27964.6	30145.6	31918.6
0°	10884.2	12521.4	14266.3	16190.5	18335.0	20630.7	23151.9	25814.0	28237.9	30346.5	32170.8
-2.5°	10892.7	12485.1	14271.5	16186.3	18238.3	20555.4	23107.1	25747.1	28121.6	30221.8	32062.3
-5°	10807.2	12399.0	14186.9	16072.8	18127.6	20427.3	22869.4	25420.5	27685.2	29729.1	31501.2
-7.5°	10633.9	12221.3	13969.7	15812.3	17811.7	20042.5	22388.0	24759.7	26981.4	28941.8	30632.9
-10°	10376.7	11930.7	13618.6	15413.9	17305.8	19427.6	21664.1	23930.1	26013.6	27826.5	29390.3
-12.5°	10028.4	11546.5	13158.4	14872.3	16633.4	18656.3	20768.1	22896.0	24795.1	26450.1	27853.2
-15°	9576.1	11058.8	12619.5	14240.4	15948.2	17777.6	19672.8	21624.6	23376.0	24843.8	26125.6
-17.5°	9043.3	10481.3	11963.5	13466.1	15086.4	16802.8	18562.1	20314.2	21807.9	23111.9	24284.0
-20°	8449.2	9834.7	11242.7	12643.4	14113.5	15700.9	17325.8	18864.8	20170.2	21355.0	22427.6



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7783.2	9109.4	10458.9	11769.8	13095.4	14532.7	15983.9	17375.7	18596.7	19610.2	20542.3
-25°	7070.3	8295.6	9569.9	10799.0	12019.2	13307.2	14625.2	15905.8	16980.4	17860.3	18630.6
-27.5°	6351.8	7471.5	8594.3	9751.4	10879.3	12067.8	13261.1	14367.1	15331.9	16142.1	16789.3
-30°	5596.7	6597.7	7623.0	8670.0	9746.9	10834.6	11912.8	12881.2	13723.4	14436.0	14995.4
-32.5°	4969.1	5729.6	6634.8	7585.2	8594.7	9585.7	10523.6	11406.3	12200.0	12822.2	13296.5
-35°	4367.6	5011.6	5689.5	6530.8	7398.1	8310.0	9172.8	9960.6	10668.0	11211.7	11657.9
-37.5°	3850.5	4359.9	4933.1	5533.7	6260.9	7014.8	7793.5	8534.4	9165.2	9639.5	10038.0
-40°	3402.9	3805.1	4263.2	4739.3	5274.3	5815.9	6493.9	7119.2	7634.1	8077.4	8438.5
-42.5°	2998.3	3337.7	3675.9	4066.5	4470.1	4905.5	5381.3	5843.8	6239.0	6610.0	6916.7
-45°	2649.0	2920.1	3189.8	3491.4	3787.8	4141.8	4481.7	4785.1	5105.2	5383.0	5601.6
-47.5°	2343.6	2554.9	2786.1	3011.9	3249.8	3516.5	3769.4	4000.2	4234.7	4437.9	4600.9
-50°	2072.2	2247.3	2436.0	2613.4	2805.9	3001.0	3188.1	3371.6	3549.8	3704.3	3824.6
-52.5°	1834.6	1987.6	2134.6	2275.9	2429.0	2573.3	2708.8	2860.3	2999.6	3121.4	3203.7
-55°	1632.3	1757.3	1877.7	1995.7	2111.4	2220.9	2328.8	2446.4	2554.0	2650.8	2712.0
-57.5°	1442.3	1548.7	1650.7	1747.0	1838.9	1925.9	2016.8	2107.3	2190.1	2263.1	2310.5
-60°	1269.4	1356.3	1444.6	1523.3	1597.3	1666.9	1743.4	1815.8	1882.7	1938.9	1971.7
-62.5°	1111.1	1189.1	1254.2	1316.4	1379.4	1442.1	1496.4	1549.9	1601.5	1645.0	1673.5
-65°	945.5	1011.6	1067.1	1117.1	1162.2	1210.7	1257.1	1299.0	1336.3	1364.6	1382.7
-67.5°	797.4	846.1	890.5	930.2	970.5	1009.4	1045.0	1076.9	1104.8	1124.6	1137.6
-70°	668.8	705.9	742.3	778.4	814.3	844.6	870.4	894.2	915.7	924.7	928.7
-72.5°	555.8	588.7	620.7	652.5	682.3	706.0	725.0	742.5	758.2	744.7	721.0
-75°	453.3	482.3	512.1	540.2	566.5	584.6	598.7	611.7	623.6	594.3	554.0
-77.5°	369.4	394.9	417.0	438.9	460.6	472.1	481.1	489.9	498.3	465.5	424.2
-80°	274.0	294.6	313.3	331.8	349.9	356.8	360.7	363.4	364.9	336.9	304.5
-82.5°	185.1	195.8	206.1	216.8	227.9	233.6	237.9	241.3	243.7	223.8	201.4
-85°	103.8	107.0	109.5	111.6	113.4	117.0	120.5	123.7	126.5	117.1	106.7
-87.5°	35.7	35.7	35.5	35.2	34.8	34.9	34.9	34.8	34.7	33.2	31.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6
62.5°	2.3	2.5	2.6	2.6	2.6	2.5	2.3	2.1	1.9	1.7	1.8
60°	5.1	3.2	2.6	2.6	2.6	3.2	5.1	6.6	7.5	9.9	10.6
57.5°	51.0	44.5	39.9	35.9	39.9	44.5	51.0	54.7	54.9	71.0	73.2
55°	339.3	315.9	287.3	253.7	287.3	315.9	339.3	345.5	331.1	302.3	272.9
52.5°	665.7	687.8	700.6	699.5	700.6	687.8	665.7	642.8	621.2	591.2	564.8
50°	876.2	888.2	888.8	878.8	888.8	888.2	876.2	856.3	831.5	797.0	741.6
47.5°	1283.8	1266.9	1238.0	1206.8	1238.0	1266.9	1283.8	1268.0	1233.0	1160.4	1021.6
45°	2240.1	2294.0	2290.5	2221.4	2290.5	2294.0	2240.1	2142.1	1993.2	1857.8	1759.4
42.5°	3061.3	3142.1	3199.3	3228.4	3199.3	3142.1	3061.3	2962.2	2784.9	2579.2	2360.7
40°	3855.8	3933.8	3968.2	3966.3	3968.2	3933.8	3855.8	3723.1	3487.4	3204.6	2946.7
37.5°	4695.4	4796.4	4845.4	4822.0	4845.4	4796.4	4695.4	4558.9	4348.6	4007.1	3716.5
35°	5849.9	5944.5	5946.3	5898.2	5946.3	5944.5	5849.9	5761.6	5557.5	5127.4	4915.2
32.5°	8401.7	8433.4	8190.4	8104.2	8190.4	8433.4	8401.7	8045.0	7595.7	7163.8	6685.8
30°	10727.8	10952.0	11160.7	11265.9	11160.7	10952.0	10727.8	10440.9	10152.7	9329.8	8580.1
27.5°	12283.9	12553.6	12720.8	12731.5	12720.8	12553.6	12283.9	11937.5	11478.0	10793.3	9981.8
25°	13699.3	14001.1	14183.3	14245.8	14183.3	14001.1	13699.3	13293.5	12757.8	12053.2	11160.3
22.5°	15182.1	15537.7	15773.3	15821.5	15773.3	15537.7	15182.1	14686.8	14103.2	13372.2	12356.0
20°	16902.5	17316.4	17542.3	17533.0	17542.3	17316.4	16902.5	16267.8	15594.9	14724.2	13617.6
17.5°	19167.5	19611.4	19806.4	19721.1	19806.4	19611.4	19167.5	18348.3	17635.0	16592.2	15364.3
15°	23071.7	24000.2	23996.5	23625.9	23996.5	24000.2	23071.7	22134.3	21221.1	19889.9	18441.5
12.5°	27887.6	28579.5	29289.5	29442.1	29289.5	28579.5	27887.6	26486.4	25470.4	23409.4	21722.3
10°	30230.9	31149.9	31756.4	31740.4	31756.4	31149.9	30230.9	28898.5	27316.4	25546.7	23292.5
7.5°	31697.0	32712.2	33447.2	33431.4	33447.2	32712.2	31697.0	30342.8	28604.3	26627.6	24307.6
5°	32828.4	33954.5	34605.4	34653.6	34605.4	33954.5	32828.4	31307.5	29528.7	27410.1	25040.9
2.5°	33416.2	34591.4	35374.1	35271.1	35374.1	34591.4	33416.2	31918.6	30145.6	27964.6	25559.8
0°	33662.0	34825.2	35555.5	35870.6	35555.5	34825.2	33662.0	32170.8	30346.5	28237.9	25814.0
-2.5°	33554.6	34686.5	35493.6	35524.7	35493.6	34686.5	33554.6	32062.3	30221.8	28121.6	25747.1
-5°	32979.7	34174.2	34714.8	35002.0	34714.8	34174.2	32979.7	31501.2	29729.1	27685.2	25420.5
-7.5°	32052.5	32947.6	33634.4	33951.5	33634.4	32947.6	32052.5	30632.9	28941.8	26981.4	24759.7
-10°	30609.5	31536.2	32116.6	32378.3	32116.6	31536.2	30609.5	29390.3	27826.5	26013.6	23930.1
-12.5°	29011.0	29853.2	30404.9	30625.8	30404.9	29853.2	29011.0	27853.2	26450.1	24795.1	22896.0
-15°	27227.5	27992.2	28500.0	28711.9	28500.0	27992.2	27227.5	26125.6	24843.8	23376.0	21624.6
-17.5°	25264.2	25934.3	26440.3	26592.9	26440.3	25934.3	25264.2	24284.0	23111.9	21807.9	20314.2
-20°	23245.5	23851.2	24267.9	24358.7	24267.9	23851.2	23245.5	22427.6	21355.0	20170.2	18864.8



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21211.3	21710.3	22048.8	22162.9	22048.8	21710.3	21211.3	20542.3	19610.2	18596.7	17375.7
-25°	19223.4	19654.1	19926.6	20028.6	19926.6	19654.1	19223.4	18630.6	17860.3	16980.4	15905.8
-27.5°	17311.6	17713.0	17963.3	17996.8	17963.3	17713.0	17311.6	16789.3	16142.1	15331.9	14367.1
-30°	15430.3	15762.0	15954.9	16036.7	15954.9	15762.0	15430.3	14995.4	14436.0	13723.4	12881.2
-32.5°	13672.3	13962.0	14135.3	14181.7	14135.3	13962.0	13672.3	13296.5	12822.2	12200.0	11406.3
-35°	12012.7	12280.2	12433.9	12421.5	12433.9	12280.2	12012.7	11657.9	11211.7	10668.0	9960.6
-37.5°	10367.5	10614.3	10753.7	10740.7	10753.7	10614.3	10367.5	10038.0	9639.5	9165.2	8534.4
-40°	8735.4	8948.4	9071.2	9100.9	9071.2	8948.4	8735.4	8438.5	8077.4	7634.1	7119.2
-42.5°	7171.7	7368.3	7466.5	7427.8	7466.5	7368.3	7171.7	6916.7	6610.0	6239.0	5843.8
-45°	5754.6	5856.2	5923.1	5964.8	5923.1	5856.2	5754.6	5601.6	5383.0	5105.2	4785.1
-47.5°	4720.2	4804.4	4850.0	4857.9	4850.0	4804.4	4720.2	4600.9	4437.9	4234.7	4000.2
-50°	3918.1	3989.8	4021.4	4012.4	4021.4	3989.8	3918.1	3824.6	3704.3	3549.8	3371.6
-52.5°	3263.0	3304.5	3332.6	3346.2	3332.6	3304.5	3263.0	3203.7	3121.4	2999.6	2860.3
-55°	2758.1	2790.5	2809.4	2815.8	2809.4	2790.5	2758.1	2712.0	2650.8	2554.0	2446.4
-57.5°	2350.0	2380.8	2392.0	2388.0	2392.0	2380.8	2350.0	2310.5	2263.1	2190.1	2107.3
-60°	1996.9	2014.5	2027.7	2034.4	2027.7	2014.5	1996.9	1971.7	1938.9	1882.7	1815.8
-62.5°	1696.3	1712.8	1726.6	1734.6	1726.6	1712.8	1696.3	1673.5	1645.0	1601.5	1549.9
-65°	1395.3	1402.6	1404.7	1401.5	1404.7	1402.6	1395.3	1382.7	1364.6	1336.3	1299.0
-67.5°	1147.3	1153.4	1157.5	1158.1	1157.5	1153.4	1147.3	1137.6	1124.6	1104.8	1076.9
-70°	932.6	935.2	932.2	924.9	932.2	935.2	932.6	928.7	924.7	915.7	894.2
-72.5°	696.7	671.2	645.7	617.5	645.7	671.2	696.7	721.0	744.7	758.2	742.5
-75°	512.2	469.0	453.3	438.1	453.3	469.0	512.2	554.0	594.3	623.6	611.7
-77.5°	380.9	335.9	323.9	312.6	323.9	335.9	380.9	424.2	465.5	498.3	489.9
-80°	270.7	235.6	227.8	220.3	227.8	235.6	270.7	304.5	336.9	364.9	363.4
-82.5°	177.8	153.3	148.5	143.5	148.5	153.3	177.8	201.4	223.8	243.7	241.3
-85°	95.7	84.3	81.9	79.4	81.9	84.3	95.7	106.7	117.1	126.5	123.7
-87.5°	29.9	28.1	28.2	28.2	28.2	28.1	29.9	31.6	33.2	34.7	34.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.6	1.1	1.6	2.1	2.1	2.0	1.9	1.8
85°	0.0	0.0	0.0	0.7	1.3	2.0	2.6	2.6	2.6	2.6	2.6
82.5°	0.0	0.0	0.0	0.7	1.4	2.0	2.6	2.6	2.6	2.6	2.6
80°	0.0	0.0	0.1	0.7	1.4	2.1	2.6	2.6	2.6	2.6	2.6
77.5°	0.0	0.0	0.1	0.8	1.5	2.1	2.6	2.6	2.6	2.6	2.6
75°	0.0	0.0	0.2	0.9	1.5	2.2	2.6	2.6	2.6	2.6	2.6
72.5°	0.0	0.0	0.2	0.8	1.5	2.3	2.6	2.6	2.6	2.6	2.6
70°	0.0	0.0	0.1	0.1	0.2	0.7	1.5	2.2	2.5	2.6	2.6
67.5°	0.0	0.0	0.5	1.1	1.4	1.3	1.2	1.3	2.0	2.6	2.6
65°	0.6	0.5	0.6	1.3	1.9	2.6	2.7	2.4	2.3	2.7	2.6
62.5°	2.1	2.6	2.4	2.2	2.3	3.2	3.3	3.5	3.2	4.0	5.9
60°	8.4	4.2	9.2	10.8	8.5	8.3	14.5	13.6	5.2	19.2	23.2
57.5°	56.2	51.8	74.3	72.1	43.0	61.6	73.6	49.3	34.2	54.5	65.7
55°	245.3	239.8	233.6	220.1	201.8	188.0	185.3	185.0	146.8	106.5	120.8
52.5°	537.7	478.6	436.5	415.9	386.4	341.9	306.0	299.0	290.0	240.0	198.2
50°	690.7	680.0	634.4	564.2	557.7	513.0	450.7	407.8	402.3	368.0	304.8
47.5°	992.4	992.3	898.6	813.2	788.3	749.3	670.6	554.7	544.1	515.0	444.5
45°	1608.0	1496.2	1444.0	1279.4	1100.4	1031.5	965.9	826.5	712.6	667.9	618.3
42.5°	2178.7	2012.6	1875.2	1710.2	1513.1	1340.6	1217.4	1064.3	926.7	831.5	760.5
40°	2712.7	2445.0	2254.7	2046.9	1832.5	1618.7	1466.2	1273.7	1117.0	989.2	914.1
37.5°	3380.3	3012.1	2800.8	2477.5	2207.1	1986.2	1790.9	1545.9	1294.0	1190.0	1096.8
35°	4362.6	3926.7	3679.6	3286.2	2739.7	2544.2	2289.7	1922.9	1604.0	1425.9	1310.8
32.5°	6125.0	5473.5	5018.6	4493.3	3769.6	3254.9	2916.8	2508.7	1998.0	1741.7	1550.8
30°	7915.1	7034.1	6397.0	5863.5	4901.8	4143.2	3621.3	3043.8	2493.3	2077.0	1817.8
27.5°	9127.6	8261.9	7468.4	6702.1	5923.2	5042.3	4260.7	3519.1	2917.3	2451.9	2116.9
25°	10191.4	9212.3	8318.7	7488.4	6656.0	5799.9	4853.3	4019.9	3313.4	2781.0	2343.8
22.5°	11244.8	10203.5	9190.9	8225.0	7380.4	6464.6	5464.5	4505.6	3693.5	3142.2	2616.8
20°	12438.8	11239.8	10070.8	9157.8	8196.1	7151.6	6039.2	5125.0	4329.3	3573.9	2915.5
17.5°	14147.6	12545.5	11471.5	10443.0	9193.7	7917.0	6951.5	5993.0	5013.2	4030.0	3228.7
15°	16462.4	14807.2	13576.8	12167.5	10451.8	9133.4	8071.7	6907.8	5747.3	4569.8	3601.7
12.5°	19214.4	17206.4	15757.0	13750.5	11819.7	10393.8	9192.9	7890.2	6464.5	5057.9	3948.5
10°	20946.2	18781.5	16717.6	14790.7	13028.7	11560.2	10052.2	8461.4	6875.7	5426.1	4248.5
7.5°	21866.1	19559.0	17429.0	15502.2	13704.4	12004.4	10398.2	8796.3	7206.4	5713.7	4502.1
5°	22477.6	20136.1	17911.8	15852.0	14013.8	12302.6	10656.8	9023.1	7455.2	5925.7	4709.4
2.5°	22928.6	20511.8	18221.5	16055.1	14186.3	12482.5	10821.1	9155.3	7585.0	6039.4	4781.7
0°	23151.9	20630.7	18335.0	16190.5	14266.3	12521.4	10884.2	9203.4	7614.8	6087.8	4811.8
-2.5°	23107.1	20555.4	18238.3	16186.3	14271.5	12485.1	10892.7	9229.4	7623.1	6123.9	4833.1
-5°	22869.4	20427.3	18127.6	16072.8	14186.9	12399.0	10807.2	9172.9	7563.2	6095.1	4812.8
-7.5°	22388.0	20042.5	17811.7	15812.3	13969.7	12221.3	10633.9	9034.4	7442.2	5995.7	4752.7
-10°	21664.1	19427.6	17305.8	15413.9	13618.6	11930.7	10376.7	8800.3	7242.3	5832.4	4648.7
-12.5°	20768.1	18656.3	16633.4	14872.3	13158.4	11546.5	10028.4	8470.4	6964.5	5605.6	4500.3
-15°	19672.8	17777.6	15948.2	14240.4	12619.5	11058.8	9576.1	8059.6	6611.2	5313.6	4307.7
-17.5°	18562.1	16802.8	15086.4	13466.1	11963.5	10481.3	9043.3	7602.8	6216.9	4998.6	4082.1
-20°	17325.8	15700.9	14113.5	12643.4	11242.7	9834.7	8449.2	7063.8	5765.4	4703.9	3882.5

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15983.9	14532.7	13095.4	11769.8	10458.9	9109.4	7783.2	6475.4	5243.7	4373.3	3656.2
-25°	14625.2	13307.2	12019.2	10799.0	9569.9	8295.6	7070.3	5876.3	4857.9	4061.3	3411.8
-27.5°	13261.1	12067.8	10879.3	9751.4	8594.3	7471.5	6351.8	5269.5	4440.3	3762.8	3184.0
-30°	11912.8	10834.6	9746.9	8670.0	7623.0	6597.7	5596.7	4776.9	4056.0	3443.8	2929.2
-32.5°	10523.6	9585.7	8594.7	7585.2	6634.8	5729.6	4969.1	4278.3	3655.1	3150.1	2702.3
-35°	9172.8	8310.0	7398.1	6530.8	5689.5	5011.6	4367.6	3802.6	3304.3	2857.1	2476.2
-37.5°	7793.5	7014.8	6260.9	5533.7	4933.1	4359.9	3850.5	3389.2	2958.7	2602.9	2275.0
-40°	6493.9	5815.9	5274.3	4739.3	4263.2	3805.1	3402.9	3006.6	2674.1	2361.0	2078.8
-42.5°	5381.3	4905.5	4470.1	4066.5	3675.9	3337.7	2998.3	2689.8	2399.6	2137.3	1902.8
-45°	4481.7	4141.8	3787.8	3491.4	3189.8	2920.1	2649.0	2394.9	2151.1	1937.1	1729.1
-47.5°	3769.4	3516.5	3249.8	3011.9	2786.1	2554.9	2343.6	2124.6	1935.6	1745.0	1571.5
-50°	3188.1	3001.0	2805.9	2613.4	2436.0	2247.3	2072.2	1899.8	1733.4	1575.3	1417.4
-52.5°	2708.8	2573.3	2429.0	2275.9	2134.6	1987.6	1834.6	1696.0	1552.5	1413.2	1275.3
-55°	2328.8	2220.9	2111.4	1995.7	1877.7	1757.3	1632.3	1507.7	1384.4	1257.4	1153.3
-57.5°	2016.8	1925.9	1838.9	1747.0	1650.7	1548.7	1442.3	1331.1	1230.1	1134.2	1039.6
-60°	1743.4	1666.9	1597.3	1523.3	1444.6	1356.3	1269.4	1182.1	1094.6	1011.3	930.1
-62.5°	1496.4	1442.1	1379.4	1316.4	1254.2	1189.1	1111.1	1034.0	959.9	888.3	821.4
-65°	1257.1	1210.7	1162.2	1117.1	1067.1	1011.6	945.5	885.3	827.1	768.2	712.9
-67.5°	1045.0	1009.4	970.5	930.2	890.5	846.1	797.4	747.4	700.7	652.6	611.3
-70°	870.4	844.6	814.3	778.4	742.3	705.9	668.8	629.5	587.0	543.8	510.5
-72.5°	725.0	706.0	682.3	652.5	620.7	588.7	555.8	520.9	483.4	443.3	411.4
-75°	598.7	584.6	566.5	540.2	512.1	482.3	453.3	421.4	385.1	343.9	311.6
-77.5°	481.1	472.1	460.6	438.9	417.0	394.9	369.4	332.2	295.3	260.3	236.4
-80°	360.7	356.8	349.9	331.8	313.3	294.6	274.0	245.7	218.7	193.5	174.0
-82.5°	237.9	233.6	227.9	216.8	206.1	195.8	185.1	166.1	147.4	129.2	113.5
-85°	120.5	117.0	113.4	111.6	109.5	107.0	103.8	92.8	82.4	72.5	63.7
-87.5°	34.9	34.9	34.8	35.2	35.5	35.7	35.7	33.0	30.4	27.9	25.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
85°	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.2	2.0	1.8	1.6
82.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
72.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
70°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.6	2.6	2.6
67.5°	2.6	2.6	2.6	2.7	2.6	2.6	2.6	3.2	3.4	2.6	2.6
65°	2.6	2.6	2.7	3.8	3.5	2.6	2.6	5.0	4.2	3.7	2.6
62.5°	5.0	2.6	6.7	8.9	5.7	4.6	3.8	10.7	6.9	4.9	3.5
60°	11.6	9.5	17.9	27.4	19.7	7.7	11.2	18.4	17.0	6.2	4.9
57.5°	59.3	27.0	40.0	52.1	49.6	27.9	22.6	31.4	28.6	16.7	6.6
55°	123.0	104.7	83.3	82.8	83.8	66.3	47.1	48.7	43.1	30.6	9.8
52.5°	187.0	181.3	161.4	131.5	120.7	109.1	89.2	69.0	64.0	45.7	24.1
50°	266.6	252.0	236.3	205.6	166.7	151.4	131.0	105.3	87.1	63.9	39.9
47.5°	357.6	332.3	308.5	278.9	236.3	196.1	173.2	142.9	112.6	87.8	55.8
45°	499.7	417.2	385.1	350.7	307.0	256.8	217.3	180.0	145.8	111.7	71.8
42.5°	645.6	530.9	463.6	424.9	379.0	322.5	263.0	221.2	178.6	135.6	90.7
40°	792.5	650.4	548.6	500.2	453.6	388.0	321.3	264.2	210.7	160.5	111.4
37.5°	951.2	784.3	646.5	578.6	529.3	458.5	380.6	308.1	243.7	187.4	131.9
35°	1148.6	943.0	753.0	669.1	603.1	530.5	439.2	355.9	283.0	214.4	152.0
32.5°	1370.7	1118.2	905.7	767.9	678.0	603.7	501.6	409.7	323.4	241.4	171.8
30°	1591.6	1298.5	1050.6	865.7	757.8	672.3	568.1	463.8	364.7	268.4	191.9
27.5°	1760.2	1454.0	1186.2	983.2	845.9	740.6	634.4	518.2	406.7	298.1	214.0
25°	1932.3	1598.1	1317.8	1098.3	932.3	810.3	698.2	572.6	451.3	332.3	235.6
22.5°	2133.5	1735.0	1428.8	1202.1	1023.8	881.0	759.0	627.7	496.5	366.1	256.5
20°	2330.2	1861.1	1531.0	1323.4	1123.8	960.0	818.6	680.3	540.7	399.4	276.8
17.5°	2531.9	2038.3	1700.5	1449.0	1227.1	1038.0	877.6	730.1	583.6	431.8	296.3
15°	2835.9	2275.3	1871.5	1573.0	1327.0	1114.4	935.3	777.0	625.0	463.1	313.6
12.5°	3122.3	2498.3	2037.3	1694.2	1422.9	1188.5	991.2	821.0	664.5	489.1	328.0
10°	3375.5	2705.8	2196.1	1811.2	1513.9	1259.7	1044.9	855.5	687.8	509.8	340.9
7.5°	3595.9	2896.3	2346.0	1922.4	1591.6	1307.8	1072.2	873.6	705.6	528.0	352.3
5°	3764.5	3025.9	2428.4	1966.8	1620.8	1329.9	1091.7	888.2	719.8	543.5	362.0
2.5°	3820.2	3069.1	2460.9	1991.9	1642.1	1345.7	1106.7	899.3	730.5	556.3	370.1
0°	3845.8	3090.0	2477.6	2006.2	1655.2	1355.4	1117.1	907.0	737.9	566.2	376.6
-2.5°	3874.1	3118.4	2501.1	2028.5	1669.0	1368.7	1128.1	919.0	748.6	577.3	387.5
-5°	3872.1	3123.8	2508.7	2039.3	1674.3	1375.8	1134.4	927.5	756.2	585.4	396.5
-7.5°	3831.2	3099.5	2499.1	2037.1	1671.4	1376.6	1136.2	932.6	760.9	590.5	403.7
-10°	3758.0	3049.3	2470.9	2018.6	1660.3	1370.5	1133.4	934.1	762.9	592.7	408.7
-12.5°	3654.9	2977.7	2425.6	1988.5	1640.6	1357.7	1125.1	929.8	761.7	592.0	411.6
-15°	3522.4	2885.6	2363.1	1946.7	1612.1	1338.6	1111.8	920.8	755.0	587.7	412.2
-17.5°	3362.2	2773.8	2283.3	1893.4	1574.7	1313.3	1093.5	908.3	746.0	580.1	411.4
-20°	3213.5	2656.0	2191.2	1828.8	1528.5	1281.7	1070.1	892.3	734.8	570.6	409.5

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3047.3	2533.6	2109.5	1766.9	1479.6	1244.1	1041.8	873.0	721.4	559.4	405.8
-25°	2857.1	2395.0	2016.2	1697.9	1432.0	1208.1	1012.6	850.3	706.1	546.5	400.4
-27.5°	2678.2	2252.0	1911.7	1618.4	1377.1	1166.7	983.8	829.2	688.3	532.3	393.3
-30°	2495.8	2127.4	1811.5	1535.1	1316.5	1120.5	951.4	806.7	668.3	519.7	384.6
-32.5°	2310.4	1991.7	1704.1	1462.9	1257.8	1070.8	916.0	782.5	647.4	507.4	377.4
-35°	2151.0	1858.2	1588.9	1385.3	1197.6	1028.4	880.7	756.8	625.9	493.3	369.5
-37.5°	1981.5	1722.7	1499.2	1308.1	1133.1	982.2	846.9	726.6	603.7	477.6	360.0
-40°	1829.6	1596.4	1402.6	1233.6	1075.1	932.3	809.1	694.3	583.0	460.4	348.9
-42.5°	1675.0	1481.5	1308.3	1153.3	1016.7	886.5	768.0	660.0	556.2	444.4	336.1
-45°	1539.5	1363.8	1210.8	1080.4	955.8	836.6	727.8	624.3	527.5	427.9	322.9
-47.5°	1399.5	1250.4	1119.9	1004.3	895.8	784.8	685.5	591.2	497.7	409.6	309.3
-50°	1269.0	1143.0	1034.4	930.9	829.5	736.3	643.1	557.2	470.6	385.5	294.0
-52.5°	1152.9	1047.9	951.3	857.0	770.0	685.7	605.1	522.6	442.3	361.5	277.1
-55°	1050.3	956.7	869.7	788.2	710.2	640.6	566.3	490.0	412.8	336.8	259.1
-57.5°	952.1	867.8	793.8	721.3	654.9	594.3	528.4	456.2	383.1	310.9	243.0
-60°	853.3	785.4	719.7	658.8	601.3	546.4	490.4	421.4	352.3	284.2	223.7
-62.5°	758.6	701.7	651.1	597.5	544.9	496.5	451.1	385.5	320.2	257.9	202.1
-65°	665.7	622.1	581.3	531.0	485.2	444.8	407.2	348.2	286.5	229.8	179.7
-67.5°	573.7	537.8	501.3	460.5	426.5	393.6	360.2	306.9	250.8	200.2	157.0
-70°	480.8	450.4	424.3	398.4	370.2	341.2	307.9	262.4	213.3	172.2	133.5
-72.5°	389.9	371.2	355.6	337.3	313.5	285.9	254.7	217.6	179.5	143.3	109.3
-75°	300.3	296.4	291.7	279.9	257.0	231.2	206.0	177.6	144.8	113.7	89.1
-77.5°	236.5	234.9	231.7	223.4	203.4	182.4	160.5	136.6	111.7	90.3	70.0
-80°	175.1	174.9	173.4	168.3	151.2	133.4	118.2	102.9	84.6	67.1	50.5
-82.5°	115.1	116.8	117.6	116.1	104.4	93.1	82.1	71.2	57.1	43.6	33.8
-85°	65.8	67.0	67.3	66.5	59.3	52.4	47.8	43.1	35.6	28.8	22.6
-87.5°	27.3	28.9	30.0	30.8	28.5	26.2	23.9	21.6	17.9	14.4	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
82.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
80°	2.6	2.2	1.8	1.4	0.9	0.5	0.0
77.5°	2.6	2.6	2.2	1.7	1.1	0.6	0.0
75°	2.6	2.6	2.6	2.0	1.3	0.7	0.0
72.5°	2.6	2.6	2.6	2.3	1.6	0.8	0.0
70°	2.6	2.6	2.6	2.6	1.8	0.9	0.0
67.5°	2.8	2.6	2.6	2.6	2.0	1.0	0.0
65°	3.1	2.9	2.6	2.6	2.2	1.1	0.0
62.5°	3.5	3.5	2.6	2.6	2.4	1.2	0.0
60°	4.0	4.1	2.6	2.6	2.6	1.3	0.0
57.5°	6.9	4.8	3.3	2.6	2.6	1.4	0.0
55°	10.6	5.6	4.1	2.6	2.7	1.5	0.0
52.5°	14.8	7.1	4.9	2.6	2.7	1.6	0.0
50°	19.6	11.5	5.7	2.6	2.8	1.7	0.0
47.5°	26.1	16.3	6.6	2.8	2.8	1.8	0.0
45°	39.9	21.3	7.5	3.5	2.9	1.8	0.0
42.5°	53.7	26.6	8.5	4.2	3.0	1.9	0.0
40°	67.5	32.2	11.1	5.1	3.1	2.0	0.0
37.5°	81.1	38.1	15.5	6.2	3.2	2.1	0.0
35°	94.7	47.3	20.0	7.4	3.3	2.1	0.0
32.5°	108.9	58.0	24.5	8.7	3.4	2.2	0.0
30°	125.0	68.4	29.0	10.0	3.5	2.3	0.0
27.5°	140.5	78.5	34.1	11.5	3.6	2.3	0.0
25°	155.5	88.3	39.3	13.0	3.8	2.4	0.0
22.5°	169.8	97.8	44.3	14.6	3.9	2.4	0.0
20°	183.5	107.0	49.2	16.2	4.0	2.4	0.0
17.5°	196.2	115.7	53.9	17.8	4.2	2.5	0.0
15°	207.8	123.8	58.3	19.4	4.3	2.5	0.0
12.5°	218.5	131.3	62.6	21.0	4.5	2.5	0.0
10°	228.1	138.2	66.6	22.6	4.6	2.6	0.0
7.5°	236.8	144.4	70.3	24.1	4.7	2.6	0.0
5°	244.3	150.0	73.7	25.6	4.9	2.6	0.0
2.5°	250.8	154.8	76.7	27.0	5.0	2.6	0.0
0°	256.2	158.9	79.4	28.2	5.1	2.6	0.0
-2.5°	263.2	163.9	83.0	30.0	5.9	2.8	0.0
-5°	269.0	168.1	86.2	31.6	6.6	2.9	0.0
-7.5°	273.5	171.5	89.0	33.1	7.4	3.1	0.0
-10°	276.8	174.0	91.2	34.4	8.1	3.2	0.0
-12.5°	278.7	175.7	92.9	35.5	8.8	3.3	0.0
-15°	279.3	176.5	94.0	36.4	9.4	3.5	0.0
-17.5°	278.5	176.4	94.5	37.1	10.0	3.6	0.0
-20°	277.7	175.4	94.4	37.6	10.5	3.7	0.0

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REPORT NUMBER: P627722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	277.8	173.5	93.7	37.8	11.0	3.7	0.0
-25°	276.6	172.8	92.2	37.8	11.4	3.8	0.0
-27.5°	274.0	172.1	90.1	37.5	11.8	3.9	0.0
-30°	269.9	170.3	87.5	37.0	12.0	3.9	0.0
-32.5°	264.5	167.4	86.4	36.2	12.2	3.9	0.0
-35°	259.3	163.3	84.6	35.2	12.4	3.9	0.0
-37.5°	253.4	159.0	82.1	33.8	12.4	3.9	0.0
-40°	246.1	155.1	78.8	32.3	12.4	3.9	0.0
-42.5°	237.4	150.2	76.5	30.8	12.3	3.8	0.0
-45°	227.3	144.4	75.0	29.6	12.1	3.7	0.0
-47.5°	215.8	137.5	72.7	28.0	11.8	3.6	0.0
-50°	205.8	129.7	69.6	27.5	11.4	3.5	0.0
-52.5°	194.9	121.0	65.8	27.1	11.0	3.4	0.0
-55°	182.9	113.9	61.3	26.4	10.4	3.3	0.0
-57.5°	169.7	106.2	56.0	25.3	9.8	3.1	0.0
-60°	155.7	97.4	50.2	23.9	9.2	2.9	0.0
-62.5°	142.1	87.6	46.7	22.2	8.6	2.8	0.0
-65°	127.1	76.9	42.7	20.2	8.0	2.6	0.0
-67.5°	110.8	67.3	38.2	18.0	7.4	2.3	0.0
-70°	93.5	59.0	33.2	15.5	6.7	2.1	0.0
-72.5°	79.4	50.1	27.8	13.7	5.9	1.9	0.0
-75°	65.2	40.6	22.1	11.9	5.1	1.6	0.0
-77.5°	50.3	30.6	18.3	10.1	4.3	1.4	0.0
-80°	34.7	23.3	14.8	8.2	3.5	1.1	0.0
-82.5°	25.6	17.7	11.2	6.2	2.6	0.8	0.0
-85°	17.2	11.9	7.5	4.1	1.8	0.6	0.0
-87.5°	8.6	5.9	3.8	2.1	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)